	PHIDO			
QUERY CONTROL FORM			RTIS US	SE ONLY
Application No. 101622,898	Prepared by	UB	Tracking Number	6000963
Examiner-GAU Layno-3762	Date	10/11/04	Week Date	9/6/19
<i>J</i>	No. of queries	$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	re-MSCIF	לגו

	J	ACKET		
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	(P) PTO-1449	
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b	
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract	
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs	
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other	

SPECIFICATION	MESSAGE
a. Page Missing	CIXAtions Copy provided for reference.
b. Text Continuity	pixations collibraridad for reference
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	Thank you
d. Incorrect Numbering	initials (B
e. Index Disagrees	RESPONSE
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	initials

PTO/S8/08u/b (08-03)
Approved for use through 07/01/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless & contains a valid OMB control number.

Suft	Substitute for form 1449A/B/PTO		Complete if Known		
				Application Number	10/622,898-Conf. #2827
11	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	July 17, 2003
S				First Named Inventor	Bradford E. Gliner
				Art Unit	3762
1	(Use as many sheets as necessary)		Examiner Name	C. H. Layno	
Sheet	1	of	10	Attorney Docket Number	337348059US

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. 1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2004-0158298A1	08-12-2004	Gliner	
		US-2002-0028072	03-07-2002	Ritsuo Kashiyama	
		US-2002-0055675	05-09-2002	Rodolfo Llinas	
		US-2002-0077670	06-20-2002	Stephen Archer	
		US-2002-0087201	07-04-2002	Andrew Firlik	
		US-2002-0099412	07-25-2002	David Fischell	
		US-2002-0169485	11-14-2002	Benjamin Pless	
		US-2003-0187490	10-02-2003	Bradford Gliner	
		US-2003-149457	08-07-2003	TCheng et al.	
		US-3,650,276	03-21-1972	Burghele et al.	
		US-4,140,133	02-20-1979	Kastrubin et al.	
		US-4,431,000	12-14-1984	Butler et al.	
		US-4,542,752	09-24-1985	ABEL DEHAAN	
		US-4,607,639	08-26-1986	EMIL A. TANAGHO	
•		US-4,646,744	03-03-1987	IFOR D. CAPEL	
		US-4,844,075	07-04-1989	SAUL LISS	
		US-4,865,048	09-12-1989	HAROLD ECKERSON	
		US-5,002,053	03-26-1991	EDGAR GARCIA-RILL	
		US-5,031,618	07-16-1991	KEITH R. MULLETT	·

Examiner	Date	ı
Signature	Considered	ı
		•

PTO:SB/08a/b (08-05)
Approved for use through 07/S1/2008, 'OMB 0851-0031
U.S. Petent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE
in Act of 1995, no persons are required to respond to a collection of information unities it contains a vetid OMB control number.

Cubalduda fina form 16404/DRIO		Complete If Known			
Substitute for form 1449A/B/PTO			• •	Application Number	10/622,898-Conf. #2827
INF	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	July 17, 2003
				First Named Inventor	Bradford E. Gliner
0.7				Art Unit	3762
	(Use as many sheets as necessary)		Examiner Name	C. H. Layno	
Sheet	2	of	10	Attorney Docket Number	337348059US

US-5,054,906	10-08-1991	WILLIAM G. LYONS	
US-5,092,835	03-03-1992	JANET L. S. SCHURIG	
US-5,143,089	09-01-1992	ECKHARD ALT	
US-5,169,384	12-08-1992	STEPHEN L. BOSNIAK	
US-5,215,086	06-01-1993	REESE S. TERRY	
US-5,224,491	07-06-1993	RAHUL MEHRA	
US-5,255,678	10-26-1993	ANTOINE DESLAURIERS	
US-5,263,967	11-23-1993	WILLIAM G. LYONS	·
US-5,304,206	04-19-1994	ROSS G. BAKER	
US-5,358,513	10-25-1994	JACK H. POWELL .	
US-5,370,672	12-06-1994	KIM R. FOWLER	
US-5,411,540	05-02-1995	DAVID J. EDELL	
US-5,417,719	05-23-1995	VINCENT W. HULL	
US-5,423,864	06-13-1995	JAN LJUNGSTROEM	
US-5,537,512	07-16-1996	YUKUN HSIA	
US-5,540,738	07-30-1996	YECHIEL HAIMOVICH	-
US-5,549,655	08-27-1996	DONALD J. ERICKSON "	
US-5,575,813	11-19-1996	DAVID J. EDELL	
US-5,591,216	01-07-1997	ROY L. TESTERMAN	
US-5,593,432	01-14-1997	DONN YOUNCE	
US-5,628,317	05-13-1997	WARREN STARKEBAUM	,
	US-5,092,835 US-5,143,089 US-5,169,384 US-5,215,086 US-5,224,491 US-5,263,967 US-5,304,206 US-5,358,513 US-5,370,672 US-5,411,540 US-5,417,719 US-5,423,864 US-5,537,512 US-5,540,736 US-5,549,655 US-5,575,813 US-5,593,432	US-5,092,835 03-03-1992 US-5,143,089 09-01-1992 US-5,169,384 12-08-1992 US-5,215,086 06-01-1993 US-5,224,491 07-06-1993 US-5,255,678 10-26-1993 US-5,263,967 11-23-1993 US-5,304,206 04-19-1994 US-5,358,513 10-25-1994 US-5,370,672 12-06-1994 US-5,411,540 05-02-1995 US-5,417,719 05-23-1995 US-5,423,864 06-13-1995 US-5,537,512 07-16-1996 US-5,540,736 07-30-1996 US-5,549,655 08-27-1996 US-5,575,813 11-19-1996 US-5,593,432 01-14-1997	US-5,092,835 US-5,143,089 US-5,143,089 US-5,169,384 US-5,169,384 US-5,215,086 US-5,224,491 US-5,224,491 US-5,255,678 US-5,255,678 US-5,263,967 US-5,304,206 US-5,304,206 US-5,358,513 US-5,370,672 US-5,411,540 US-5,541,719 US-5,411,540 US-5,541,719 US

E-ro-total	Date
Examiner	
Signature	Considered

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2008, 'OM3 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete If Known Substitute for form 1449A/B/PTO 10/622,898-Conf. #2827 Application Number INFORMATION DISCLOSURE Filing Date July 17, 2003 Bradford E. Gliner STATEMENT BY APPLICANT First Named Inventor 3762 Art Unit (Use as many sheets as necessary) C. H. Layno Examiner Name 337348059US Attorney Docket Number Sheet 3 oļ

	US-5,683,422	11-04-1997	MARK T. RISE	
	US-5,702,429	12-30-1997	GARY W. KING	
	US-5,711,316	01-27-1998	DENNIS D. ELSBERRY	
	US-5,713,922	02-03-1998	GARY W. KING	
	US-5,713,923	02-03-1998	SCOTT R. WARD	
	US-5,716,377	02-10-1998	MARK T. RISE	
	US-5,722,401	03-03-1998	SUSAN M. PIETROSKI	·
	US-5,735,814	04-07-1998	DENNIS D. ELSBERRY	
	US-5,752,979	05-19-1998	ALIM L. BENABID	
	US-5,782,798	07-21-1998	MARK T. RISE	
·	US-5,792,186	08-11-1998	MARK T. RISE	
	US-5,797,970	08-25-1998	YVES POUVREAU	
	US-5,814,014	09-29-1998	DENNIS D. ELSBERRY	-
	US-5,814,092	09-29-1998	GARY WILLIAM KING	
·	US-5,824,021	10-20-1998	MARK T, RISE	
	US-5,832,932	11-10-1998	DENNIS D. ELSBERRY	
	US-5,833,709	11-10-1998	MARK T RISE	-
	US-5,843,148	12-01-1998	JOHANNES T. M. GIJSBERS	· ·
	US-5,843,150	12-01-1998	CHRIT W. DRESSEN	
	US-5,885,976	03-23-1999	REUVEN SANDYK	
	US-5,886,769	03-23-1999	A. J. ZOLTEN	
				

Examiner	Date	1.
Signature	Considered	

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ork Reduction Act of 1995, no persons are required to respond to a conscion of information unless it contains a valid OMB control number.

	OA-III. A COMPANIA		Complete if Known		
Substitute for form 1449A/B/PTO				Application Number	10/622,898-Conf. #2827
INFORMATION DISCLOSURE			CLOSURE	Filing Date	July 17, 2003
STATEMENT BY APPLICANT		First-Named Inventor	Bradford E. Gliner		
-	STATEMENT DI ALL EIGANT			Art Unit	3762
	(Use as many sheets as necessary)		Examiner Name	C. H. Layno	
Sheet	4	of	10	Attorney Docket Number	337348059US

	US-5,893,883	04-13-1999	NATHAN A. TORGERSON
	US-5,904,916	05-18-1999	ALAN R. HIRSCH
	US-5,913,882	06-22-1999	GARY WILLIAM KING
	US-5,925,070	07-20-1999	GARY W. KING
	US-5,938,688	08-17-1999	NICHOLAS D. SCHIFF
·	US-5,938,689	08-17-1999	ROBERT E. FISCHELL
	US-5,941,906	08-24-1999	FRANCISCO J. BARRERAS
	US-5,964,794	10-12-1999	ARIMIN BOLZ
	US-5,975,085	11-02-1999	MARK T. RISE
	US-5,978,702	11-02-1999	SCOTT R. WARD
	US-5,983,140	11-09-1999	BRIAN T. SMITH
	US-6,006,124	12-21-1999	ROBERT E. FISCHELL
	US-6,011,996	01-04-2000	FRANS L. H. GIELEN
	US-6,016,449	01-18-2000	ROBERT E. FISCHELL .
	US-6,018,682	01-25-2000	MARK T. RISE
	US-6,021,352	02-01-2000	MARK A. CHRISTOPHERSON
	US-6,026,326	02-15-2000	GUST H. BARDY
	US-6,042,579	03-28-2000	DENNIS D. ELSBERRY
	US-6,052,624	04-18-2000	CARLA M. MANN
	US-6,055,456	04-25-2000	MARTIN THEODORE GERBER
	US-6,057,847	05-02-2000	BARRY JENKINS
	<u> </u>		

Examiner	Date	
	Considered 1	1
Signature	Considered	
[Oildingson]		

PTO/SB/06a/b (08-03)
Approved for use through 07/31/2006. OMB 0631-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

Sirbet	itute for from \$449Aff	RATO		Complete if Known		
Substitute for form 1449A/B/PTO				Application Number	10/622,898-Conf. #2827	
IN	FORMATIO	ON DI	SCLOSURE	Filing Date	July 17, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Bradford E. Gliner	
•				Art Unit	3762	
	(Use as many sheets as necessary)			Examiner Name	C. H. Layno	
Sheet	5	of	10	Attorney Docket Number	337348059US	

		·	
US-6,058,331	05-02-2000	GARY W. KING	
US-6,060,048	05-09-2000	BRUCE D. CHERKSEY	
US-6,061,593	05-09-2000	ROBERT E. FISCHELL	
US-6,066,163	05-23-2000	MICHAEL S. JOHN	
US-6,104,956	08-15-2000	DEAN K. NARITOKU	·
US-6,104,960	08-15-2000	VICTOR DUYSENS	
US-6,122,548	09-19-2000	WARREN STARKEBAUM	
US-6,126,657	10-03-2000	STUART D. EDWARDS	
US-6, 128,537	10-03-2000	MARK T. RISE	
US-6, 128,538	10-03-2000	ROBERT E. FISCHELL	·
US-6,134,474	10-17-2000	Robert Fischell	
US-6,152,143	11-28-2000	STUART D. EDWARDS	
US-6,161,045	12-12-2000	ROBERT E. FISCHELL	·
US-6,353,754	03-05-2002	David Fischell	
US-6,354,299	03-12-2002	David Frischell	
US-6,360,122	03-19-2002	Robert Fischell	
US-6,366,813	04-02-2002	DiLorenzo	:
US-6,427,086	07-30-2002	Robert Fischell .	
US-6,459,936	12-27-2001	Robert Fischell	. :
US-6,463,328	10/08/2002	Sasha John	
US-6,466,822	10-15-2002	Benjamin Pless	
	US-6,060,048 US-6,061,593 US-6,066,163 US-6,104,956 US-6,104,960 US-6,122,548 US-6,126,657 US-6,128,537 US-6,128,538 US-6,134,474 US-6,152,143 US-6,152,143 US-6,353,754 US-6,354,299 US-6,366,813 US-6,427,086 US-6,4427,086 US-6,4459,936 US-6,463,328	US-6,060,048 05-09-2000 US-6,061,593 05-09-2000 US-6,066,163 05-23-2000 US-6,104,956 08-15-2000 US-6,104,960 08-15-2000 US-6,122,548 09-19-2000 US-6,128,537 10-03-2000 US-6,128,538 10-03-2000 US-6,128,538 10-03-2000 US-6,152,143 11-28-2000 US-6,152,143 11-28-2000 US-6,353,754 03-05-2002 US-6,360,122 03-19-2002 US-6,366,813 04-02-2002 US-6,427,086 07-30-2002 US-6,459,936 12-27-2001 US-6,463,328 10/08/2002	US-6,060,048 05-09-2000 BRUCE D. CHERKSEY US-6,061,593 05-09-2000 ROBERT E. FISCHELL US-6,066,163 05-23-2000 MICHAEL S. JOHN US-6,104,956 08-15-2000 DEAN K. NARITOKU US-6,104,960 08-15-2000 WARREN STARKEBAUM US-6,122,548 09-19-2000 WARREN STARKEBAUM US-6,126,657 10-03-2000 STUART D. EDWARDS US-6,128,537 10-03-2000 ROBERT E. FISCHELL US-6,128,538 10-03-2000 ROBERT E. FISCHELL US-6,134,474 10-17-2000 STUART D. EDWARDS US-6,152,143 11-28-2000 STUART D. EDWARDS US-6,161,045 12-12-2000 ROBERT E. FISCHELL US-6,353,754 03-05-2002 David Frischell US-6,354,299 03-12-2002 David Frischell US-6,360,122 03-19-2002 Robert Fischell US-6,366,813 04-02-2002 Robert Fischell US-6,427,086 07-30-2002 Robert Fischell US-6,459,936 12-27-2001 Robert Fischell

Examiner	Date	
Signature	Considered	

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2005, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. CEPARTMENT OF COMMERCE quired to respond to a collection of information unless it contains a valid OMB control number.

		OTO .	•	. Complete if Known		
Subsulu	te for form 1449A/B	<i>P</i> 10	··	Application Number	10/622,898-Conf. #2827.	
INF	ORMATIC	N DI	SCLOSURE	Filing Date	July 17, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Bradford E. Gliner	
317	~ _	D .,		Art Unit	3762	
(Use as many sheets as necessary)			necessary)	Examiner Name	C. H. Layno	
Sheet	pet . 6 of 10		Attorney Docket Number	337348059US		

. 1

US-6,473,639	10-29-2002	David Fischell	
US-6,480,743	11-12-2002	Bruce Kirkpatrick	
US-6,622,048	09-16-2003	Carla Mann	·
US-60/325,872	·	Sheffield	
US-60/325,978		Gliner	

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initiats*	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	Publication Date . MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7*
	10.	WO 01/97906 ·	12-27-2001	Advanced Bionics Corp		
	T	WO 02/09811 ·	02-07-2002	Neuropace, Inc.		L
		WO 02/36003 ·	05-10-2002	Neuropace, Inc.		
	一	WO 02/38031 -	05-16-2002	Neuropace; Inc.		
		WO 02/38217 ·	05-16-2002	Neuropace, Inc		
		WO 03/043690 ·	05-30-2003	Vertis Neuroscience, Inc.		
		WO 03/082402 ·	03-26-2003	Vertis Neuroscience, Inc.		
		WO 87/07511 ·	12-17-1987	Zion Educational Foundation		
	1	WO 94/07564 ·	04-14-1994	Cardiac Pacemakers, Inc.		L
		WO 95/21591 -	08-17-1995	University of Iowa Research Foundation	÷	
	\vdash	WO 98/06342 -	02-19-1998	Nectonus, Inc.		
	1-	EP-0 998 958 Ac •	10-05-2000	Medtronic Inc.		

"EXAMINER: Initial if reterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "CITE NO.: Those patent(s) or publication(s) which are marked with an double esterisk ("") next to the CITE No. are not supplicated because they were previously cited by or submitted to the Office in a prior application relied upon in this applicantion for an earier filing date under 35 U.S.C. 120. "Applicant's unique citation designation number (optionat)." See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-latter code (WPO Standard ST.3). "For Japanese patent documents, the indication of the year of the regin of the Emperor must precede the serial number of the patent document." Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English tanguage Translation is strached.

Examiner	Date	•
Signatura	Considered	

PTO/SB/88ah (08-03)
Approved for use through 07/31/2008, OMS 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE spond to a collection of information unless it contains a valid OMB control number.

0.4	stitute for form 1449A/	P/RTO		Complete If Known		
340	Salute for forth 144500	GIF 10		Application Number	10/622,898-Conf. #2827	
IN	FORMATI	ON DISC	CLOSURE	Fiting Date	July 17, 2003	
S	TATEMEN'	T BY AF	PLICANT	First Named Inventor	Bradford E. Gliner	
				Art Unit	3762	
	(Use as many sheets as necessary)			Examiner Name	C. H. Layno	
Sheet	7	of	10	Attorney Docket Number	337348059US	

		NON PATENT LITERATURE DOCUMENTS	
ngista ngista	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the 8em (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	۳
		BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta Neurochirurgica, Suppl. 52, pp. 121-123 (1991)	
		BENABID, A L. et al, "Chronic electrical stimulation of the ventralis intermedius nucleus of the thalamus as a treatment of movement disorders," J. Neurosurg., April 1997, 86(4); 737; http://www.ncbi.nlm.nih.gov; [accessed 11/18/2003]	
· ·		BUTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 7, pp. 3661-3665 (March 2000)	
		CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation afor Advanced Parkinson's Disease: Case Report," Movement Disorders, 15(1):169-171,2000	
-		CINCOTTA et al., "Reorganization of the motor cortex in a patient with congenital hemiparesis and mirror movements," Neurology, Vol. 55, pp. 129-131 (2000)	
		CLASSEN, et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998)	
		COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," The Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)	
		CRAMER, S.C. and BASTINGS, E.P., "Mapping clinically relevant plasticity after stroke," Neuropharmacology Vol. 19, No. 5, pp. 842-851 (April 2000)	
		DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996)	
		FEYS et al., "Value of somatosensory and motor evoked potentials in predicting arm recovery after a stroke," (October 1999)	
		FRANZINI et al., "Reversal of thalamic hand syndrome by long-term motor cortex stimulation," Journal of Neurosurgery 93:873-875 (2000)	
		GLADSTONE et al., "Enhancing Recovery after Stroke with Noradrenergic Pharmacotherapy: A New Frontier?," Can J. Neurol. Sci., Vol. 27, No. 2 (May 2000)	
		GORDON et al., "Parameters for direct cortical electrical stimulation in the human: histopathologic confirmation," Electroencephalography and clinical Neurophysiology, Vol. 75, pp. 371-377 (1990)	
		HODGE, JR., C.J. and BOAKYE, M., "Biological Plasticity: The Future of Science in Neurosurgery," Neurosurgery, Vol. 48, No. 1 (January 2001)	
		International Search Report for Application No. PCT/US02/07077; Applicant: Vertis Neuroscience, Inc., October 22, 2002, 7 pgs.	
		International Search Report for Application No. PCT/US02/32695; Applicant: Vertis Neuroscience, Inc.; December 27, 2002; 9 pgs; European Patent Office	
		KAUHANEN et al., "Domans and Determinants of Quality of Life After Stroke Caused by Brian Infarction," Arch. Phys. Med. RehabiL, Vol. 81, pp. 1541-1546 (December 2000)	

Examiner	Date	
Signature	Considered	

PTC/ISB/08a/6 (08-03)

Approved for use through 07/31/2008. OMS 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
it Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMS control number.

94	stitute for form 1449A/I	OTO.		Complete If Known			
500	erene en ionii 14492	gr (O		Application Number 10/622,898-Conf. #2827			
IN	FORMATION	ON DIS	CLOSURE	Filing Date	July 17, 2003		
2	•		PPLICANT	First Named Inventor	Bradford E. Gliner		
				Art Unit	3762		
	(Use as man)	y sheets as	necessary)	Examiner Name	C. H. Layno		
Sheet	8	of	10	Attorney Docket Number	337348059US .		

	KOPELL et al., "The Continuing Evolution of Psychiatric Neurosurgery," CNS Spectrums, Vol. 5, No. 10, pp. 20-31 (October 2000)
	LEVY et al., "Functional MRI Evidence of Cortical Reorganization in Upper-Limb Stroke Hemiplegia Treated with Constraint-Induced Movement Therapy," American Journal of Physical Medicine & Rehabilitation, Vol. 80, No. 1, pp. 4-7 (2001)
	LIEPERT et al., "Treatment-Induced Cortical Reorganization After Stroke in Humans," Stroke, 31:1210-1216 (2000)
	MALENKA, R.C. and NICOLL, R.A., "Long-Term Potenetiation - A Decade of Progress?," Neuroscience, Vol. 285, No. 5435, Issue of 17 September 1999, pp. 1870-1874
	MARTINEZ et al., "Motor hand recovery after stroke Prognostic yield of early transcranial magnetic stimulation," Electromyography. Clin. Neurophysiology, Vol. 39, pp. 405-410 (1999)
	NETZ et al., "Reorganization of motor output in the non-affected hemisphere after stroke," Brain, 120, pp. 1579-1586 (1997)
	NITSCHE, M.A. and PAULUS, W., "Excitability changes induced in the human motor cortex by weak transcranial direct current stimulation," The Journal of Physiology, Vol. 527.3, pp. 663-639 (2000)
	OLIVERI et al., "Paired transcranial magnetic stimulation protocols reveal a pattern of inhibition and facilitation in the human parietal cortex," The Journal of Physiology, 529.2, pp. 461-468 (2000)
	PASCUAL-LEONE et al., "Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation," Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)
	PASCUAL-LEONE et al., "Transcranial magnetic stimulation and neuroplasticity," Neurophycologia 37, pp. 207-217 (1999)
	REZAI, "Neurostimulation," Neurological Research, Vol. 22, No. 3 pp. 235-273 (April 2000)
	ROSSI et al., "Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans," Cerebral Cortex, Vol. 10, No. 8, pp. 802-808 (August 2000)
	ROUX et al., "Chronic Motor Cortex Stimulation for Phantom Limb Pain: A Functional Magnetic Resonance Imagining Study: Technical Cast Report," Neurosurgery, Vol. 49, No. 3 (March 2001)
	SAITOU et al., "Cerebral Blood Volume and Oxygenation Among Poststroke Hemiplegic Patients: Effects of 13 Rehabilitation Tasks Measured by Near-Infrared Spectroscopy," Arch. Phys. Med. Rehabil., Vol. 81 pp. 1348-1356 (October 2000)
	SANDKUHLER, "Learning and memory in pain pathways," Pain 88, pp. 113-118 (2000)
1.	SANES, "The Relation between Human Brain Activity and Hand Movements," NeuroImage 11, pp. 370-374 (2000)
	SANES, J. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annual Review of Neuroscience 23:393-415 (2000)
	SANES, J.N. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annu. Rev. Neurosci. 23:393-415 (2000)
	SCHIFF et al., "A neuromodulation strategy for rational therapy of complex brain injury states," Neurological Research, Vol. 22 pp. 267-272 (April 2000)

Examiner	Dat	te
Signature		nsidered

PTC/SB/08a/b (08-03)

Approved for use through 07/51/2008. 'GMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE expond to a collection of information unless & contains a valid OMB control number.

Side.	stitute for form 1449A/E	ALEAN CO.		Complete If Known		
500	SQUARE ROLL TOTAL 144594	3	•	Application Number 10/622,898-Conf. #2827		
IN	FORMATIC	ON DI	SCLOSURE	Filing Date	July 17, 2003	
S	TATEMEN	T BY	APPLICANT	First Named Inventor	Bradford E. Gliner	
				Ari Unit	3762 ··	
	(Use as many sheets as necessary)			Examiner Name	C. H. Layno	
Sheet	9	of	10	Attorney Docket Number	337348059US	

	SHIMIZU et al., "Therapeutic efficacy of transcranial magnetic stimulation for hereditary spinocerebellar degeneration," Tohoku Journal of Experimental Medicine, 189(3):203-11 (November 1999)
	SIEBNER et al., "Lasting cortical activation after repetitive TMS of the motor cortex," NEUROLOGY 54, ###pp. 956-963 (February 2000)###
	STEFAN et al., "Induction of plasticity in the human motor cortex by paired associative stimulation," Brain, 123, pp. 572-584 (2000)
	STEFAN et al., "Introduction of plasticity in the human motor cortex by paired associative stimulation," Brian, Vol. 123, No. 3, pp. 575-584 (March 2000)
	TURTON et al., "Contralateral and ipsilateral EMG responses to transcranial magnetic stimulation during recovery of arm and hand function after stroke," Electroencephalography and Clinical Neurophysiology 101 pp. 316-328 (1996)
	TURTON, A. and LEMON, R.N., "The contribution of fast corticospinal input to the voluntary activation of proximal muscles in normal subjects and in stroke patients," Exp. Brain Res., Vol. 129, pp. 559-572 (1999)
	VAN DER LEE et al., "The Intra- and Interrater Reliability of the Action Research Arm Test A Practical Test of Upper Extremity Function in Patients With Stroke," Arch. Phys. Med. Rehabil., Vol. 82 pp. 14-19 (January 2001)
	WALKER-BATSON et al., "Amphetamine Paired With Physical Therapy Accelerates Motor Recovery After Stroke," Stroke, Vol. 26, No. 12, pp. 2254-2259 (1995)
	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience 18(3):1115-1123 (February 1998)
	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience, Vol. 18, No. 3, pp. 1115-1123 (February 1998)
	International Search Report for PCT/US03/39077; May 2004; Applicant: Northstar Neuroscience, Inc. (3 pgs)
	International Search Report for PCT/US03/03678; July 2003; Applicant: Northstar Neuroscience, Inc. (4 pgs)
	International Search Report for PCT/US03/39078; May 2004; Applicant: Northstar Neuroscience, Inc.
	International Search Report for PCT/US02/31112; December 2002; Applicant: Vertis Neuroscience, Inc. (3 pgs)
	International Search Report for PCT/US02/31127; July 2003; Applicant: Vertis Neuroscience, Inc. (3 pgs)
	International Search Report for PCT/US02/31128; September 2002; Applicant: Vertis Neuroscience, Inc. (3 pgs)
	Written Opinion for PCT/US02/31128; September 2002; Applicant: Vertis Neuroscience, Inc. (6 pgs)
	Written Opinion for PCT/US03/03678; December 2003; Applicant: Northstar Neuroscience, Inc. (4 pgs)
 	Written Opinion for PCT/US02/32695; June 2003; Applicant: Vertis Neuroscience, Inc. (2 pgs)

Examiner	Date
Signature	Considered

PTO:SB/08a/b (08-03)
Approved for use through 07/S1/2005. ONB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE spond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known			
300	succe to total (4-5)		•	Application Number 10/622,898-Conf. #2827			
IN	FORMATIC	ON DI	SCLOSURE	Filing Date	July 17, 2003		
STATEMENT BY APPLICANT				First Named Inventor	Bradford E. Gliner		
				Art Unit	3762		
	(Use as many sheets as necessary)			Examiner Name	C. H. Layno		
Sheet	10	of	10	Attorney Docket Number	337348059US		

Written Opinion for PCT/US02/31127; May 2003; Applicant: Vertis Neuroscience, Inc. (2 pgs)	
Written Opinion for PCT/US02/31112; August 2003; Applicant: Vertis Neuroscience, Inc. (5 pgs)	
Written Opinion for PCT/US02/07077; July 2003; Applicant: Vertis Neuroscience, Inc. (4 pgs)	

^{*}EXAMINER: Initial if retarence considered, whether or not classon is in conformance with MPEP 609. Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	•
Signature	Considered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.